LABDEX

ESR Analyzer LX100ESR

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Description

ESR Analyzer LX100ESR is a benchtop unit with the Westergren analysis method and infrared sensor measuring principle designed with a large touch screen display. It has a maximum of 40 sample loading capacity at the same time and two measuring times: 30 min or 60 min. Equipped with a built-in printer and RS232 interface. It offers a measurement range of 0 to 140 mm/h with a throughput of up to 80 samples/h.

Specifications

Application	Erythrocyte sedimentation rate analysis
Measuring	Principle Infrared sensor
Analysis Result	Westergren ESR value(mm/hr)
Throughput	Up to 80 samples per hour
Reading Channels	10,20
Loading Capacity	10/20 samples at the same time
Loading Pattern	Random
Measuring Time	30 minutes or 60 minutes selectable
Sample Interval	3 minutes
Measurement Range	(0-140)mm/h
Temperature Compensation	Refer to 18℃ automatically (selectable)
Reading Resolution	±0.2mm
Result Resolution	1mm/1h, 1mm/2h
Blood Level Range	50-64mm
Display	Touch screen LCD display
Interface	RS-232
Print	Built-in thermal printer
Storage	4,000 results
Operation Conditions	Temperature: 10-30℃ Humidity: ≤80%

Power Supply	AC 220±22V; 50±1Hz
Dimension	365 x 300 x 180 mm
Net weight	11 kg
Package Size (W x D x H)	690 x 420 x 330 mm
Gross Weight	13 kg

Features

- Westergren analysis method
- Infrared sensor measuring principle
- Color touch screen large display
- Memory storage 4000 results
- It has two types of measuring time: 30 mins or 60 mins
- The barcode reader function is optional
- LIS system available
- Built-in thermal printer
- Print out the ESR curve
- RS232 interface

Applications

- Used for analysis of erythrocyte sedimentation rate in hospitals, clinical laboratories and medical research centers.

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